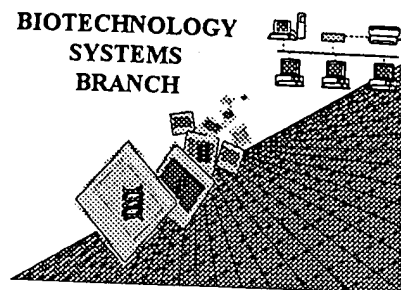


RAW SEQUENCE LISTING

ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number:

09/98,779

Art Unit / Team No. :

018E

Date Processed by STIC:

12/9/98

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

PAGE: 1

RAW SEQUENCE LISTING PATENT APPLICATION US/09/198,779

DATE: 12/09/1998
TIME: 15:28:57

Input Set: I198779.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

new format

1 <110> Bledig, Stefan A.
2 Byrum, Joseph R.
3 Liu, Jingdong
4 Hinkle, Gregory J.
5 <120> Nucleic Acid molecules And Other Molecules Associated With The
6 Methionine Synthesis And Degradation Pathways
7 <130> 38-21(15077)B
8 <140> US/09/198,779
9 <141> 1998-11-24
10 <160> 3204

ERRORED SEQUENCES FOLLOW

Does Not Comply
Corrected Diskette Needed

E--> 11 <210> 1
12 <211> 235
13 <212> nucleic acid *per new sequence rules, the only valid responses are "DNA" or "RNA." by both DNA and RNA, here "DNA" and define in 2207-2237 section*
14 <213> Zea mays
15 <400> 1
16 gttttccgtc tagcctcggg ggacagatcg acgctgccc tgctgataaa tggacgggtcc 60
17 tgatccattg ttcgttgtgt tattaatggt gtataattga gcaggacaca acacgtacgt 120
18 tnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnca ggttcacaa gaccgccgca 180
19 tacggccact ttggccgtga cgacgccgac ttcacctgcy aggtggtcaa gccc 235

E--> 20 <210> 2
21 <211> 313
22 <212> nucleic acid
23 <213> Zea mays
24 <400> 2
25 cacatccggt tgnctcttct cnntcttgcc ggtcccgaat aaaaancagc ancgcaagan 60
26 gtcggtagan cnagaagaan gcantngcgg ccganangtt ccttttcacn tcggagtcgg 120
27 tgnannaggc gcancccgac aagctgtgcy accagggtgc ggacgccgtg nttgacgcnt 180
28 gcctcncnca gnaccccgac ancaangtng cctgncacan gtgcaccaag accaacttgg 240
29 tgatgggtgtt cggcgagntn acgaccaagg cgaccgttga ctannagaag atcgtngggn 300
30 acacntgccg cga 313

E--> 31 <210> 3
32 <211> 77
33 <212> nucleic acid
34 <213> Zea mays
35 <400> 3
36 ctgcgagacc ttcacnaaga ccaacatggt gatgttgntc ggcgnnatca cgaccnangc 60
37 tacngtggnc tacnaga 77

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/198,779

DATE: 12/09/1998

TIME: 15:28:57

This is a global error. Due to size of listing, only these two pages shown as a sample of error.

Input Set: I198779.RAW

E--> 38 <210> 4
39 <211> 279
40 <212> nucleic acid
41 <213> Zea mays
42 <400> 4
43 tcatcattga cacctacngt ggctggggag cccatggtgg tggcgctttc tccggcaagn 60
44 nnnnannan ngnnnantgc agnngncgnt atntannaag gcacnatncn ttgatgtctg 120
45 cgatgacacg gactattctt ggagagcaaa gggcttccat gagcaagcaa aagctgccgg 180
46 tggtccggct attactactg ctggcatcta tccaggagtt agcaatgtga tggctgctga 240
47 cttgtacatg tgccagaagt gaaaatgnga acctgaaga 279

E--> 48 <210> 5
49 <211> 211
50 <212> nucleic acid
51 <213> Zea mays
52 <400> 5
53 ggaccgcagc ggcgcntang tggccaggca ggccgccaag agnatcntgg ncagnggatc 60
54 gcncgcngct gcctcgtgca ggtgtacgta cnccatnggn tggccggann ccctgnccgt 120
55 gttcgtnaac tcgtacgagc accggcacgn tnaangncaa ggagatcntc aanatcntna 180
56 naggagaact tcgacttcag gcccgggatg a 211

E--> 57 <210> 6
58 <211> 266
59 <212> nucleic acid
60 <213> Zea mays
61 <400> 6
62 gtctgttttt tttccccatt aattgtcaat ctacaattca aatcacattc acaatgggta 60
63 gcgtcagcca caagacagga actttcctgt tcacctccga gtccgtaggt gaaggtcacc 120
64 ctgacaagat cgctgatcag gtctctgacg ccgttctcga tgcttgcttg gccgaggacc 180
65 ctctctccaa agtcgcttgc gagactgcta ccaagaccgg tatgatcatg gtcttcgggtg 240
66 aaatcaccac caagccaag ctcgat 266

E--> 67 <210> 7
68 <211> 168
69 <212> nucleic acid
70 <213> Zea mays
71 <400> 7
72 gggggcgttt cnccagttc tgtggngct accgtgtagn ntcgtcggcc gatncacgn 60
73 tctaangntg agtcggtcna caacgacgan atcgccgnng acctcangga gcacgtcnnc 120
74 annncgtga tgnctgataa gtacctcgac gagaagacca tcttnac 168

E--> 75 <210> 8
76 <211> 570
77 <212> nucleic acid
78 <213> Zea mays
79 <400> 8
80 ggnnnnnnnn aacttctagn tgnncggtgc cgtcanaaat tcaagggctn acccacgcgc 60
81 cgaacacgn tccgcccacg cgtccgcca cgcgtccgga ctagtcttag atggcgggtgc 120
82 gctttctccg gcaaggaccc aaccaaggtt gaccgcagcg gagcctatgt cgcgaggagg 180

Please Note:

Use f n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> <223> fields of each sequence which presents at least one n or Xaa.